

Title (en)

METHOD FOR ISOLATING CIMIRACEMATE A

Title (de)

VERFAHREN ZUR ISOLIERUNG VON CIMIRACEMAT A

Title (fr)

ISOLEMENT EFFICACE DU CIMIRACÉMATE A, ET PROCÉDÉS D UTILISATION

Publication

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Application

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Priority

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- US 21896209 P 20090621

Abstract (en)

[origin: WO2010150102A2] The subject invention provides a method for optimal isolation of cimracemate A for subsequent use as a therapeutic agent or dietary supplement in single entry or in combination with other treatment modalities. In addition, the subject invention discloses cimracemate A as a bioactive marker that can be used to identify the members of the Cimicifuga genus for example: *C. racemosa*, *C. dahitrica* (Turcz.) Maxim., *C. foetida* L., and *C. heracleifolia* Kom. The bioactive marker cimracemate A can also be used to standardize the extracts of *C. racemosa* as anti-inflammatory agents for the treatment of inflammatory conditions associated with diseases and syndromes including, for example, rheumatism, stroke, myocarditis, atherosclerosis, infectious diseases, allergy and related autoimmune diseases.

IPC 8 full level

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Citation (search report)

- [X] HE K ET AL: "Cimicifuga species identification by high performance liquid chromatography-photodiode array/mass spectrometric/evaporative light scattering detection for quality control of black cohosh products", JOURNAL OF CHROMATOGRAPHY, ELSEVIER SCIENCE PUBLISHERS B.V, NL, vol. 1112, no. 1-2, 21 April 2006 (2006-04-21), pages 241 - 254, XP024967954, ISSN: 0021-9673, [retrieved on 20060421], DOI: 10.1016/J.CHROMA.2006.01.004
- [XP] YANG CINDY L H ET AL: "Identification of the bioactive constituent and its mechanisms of action in mediating the anti-inflammatory effects of black cohosh and related Cimicifuga species on human primary blood macrophages", vol. 52, no. 21, 12 November 2009 (2009-11-12), pages 6707 - 6715, XP009165923, ISSN: 1520-4804, Retrieved from the Internet <URL:http://pubs.acs.org/journals/jmcmr/index.html> [retrieved on 20091016], DOI: 10.1021/JM9006164
- See references of WO 2010150102A2

Designated contracting state (EPC)

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